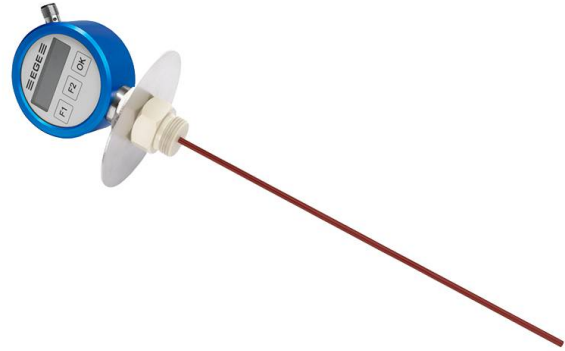


# Sensors with the guided microwave measuring principle for precise filling level measurement | MFP 075K GA-LMF050

- Precise measurement with TDR technology
- Programmable with digital display
- Mono rod probe
- Parts in contact with medium free from metal
- Analogue or with switching points series MFP 075K...LMF
- Parts in contact with medium free from metal thanks to PFA-coating and PEEK thread
- Independent of conductivity, viscosity and media consistency
- Reliable and wear-free: no moving parts
- For the filling level measurement of aggressive media



## G3/4 - sensor length 500 mm - Output 4...20 mA

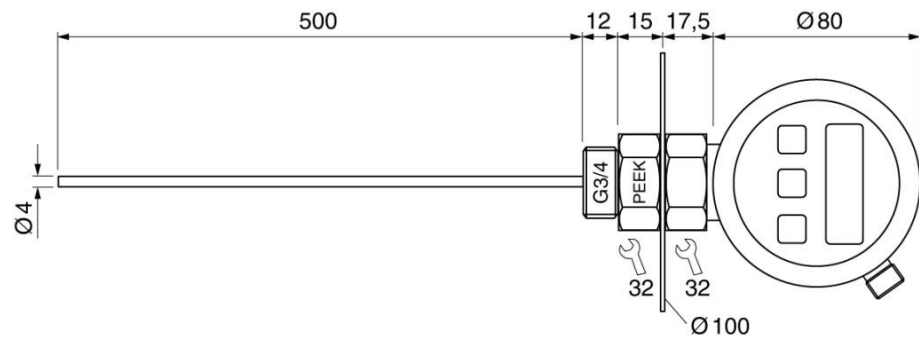
|                                                          |                           |
|----------------------------------------------------------|---------------------------|
| <b>TYPE</b>                                              | MFP 075K GA-LMF050        |
| <b>Product ID</b>                                        | P21236                    |
| <b>Design</b>                                            | single probe              |
| <b>Sensor length L</b>                                   | 500 mm                    |
| <b>Output</b>                                            | analog output 4...20 mA   |
| <b>Supply voltage</b>                                    | 20 V DC ... 27 V DC       |
| <b>Current consumption max.</b>                          | 45 mA                     |
| <b>Reverse polarity protection</b>                       | ✓                         |
| <b>measurement accuracy</b>                              | 10 mm                     |
| <b>Transition zone*</b>                                  | top: 40 mm, bottom: 25 mm |
| <b>Ambient temperature</b>                               | 0 °C ... 70 °C            |
| <b>Medium temperature</b>                                | 0 °C ... 80 °C            |
| <b>For Media with minimum DK <math>\epsilon_r</math></b> | $\geq 20$                 |
| <b>Compressive strength (at 25°C)</b>                    | 10 bar                    |
| <b>Material sensor touched by medium</b>                 | PEEK, PFA                 |

|                              |                                                                              |
|------------------------------|------------------------------------------------------------------------------|
| <b>Material housing</b>      | stainless steel AISI 316 Ti, aluminium                                       |
| <b>Seal material</b>         | NBR, other materials on request                                              |
| <b>Display</b>               | digital display                                                              |
| <b>Protection [EN 60529]</b> | IP67                                                                         |
| <b>Electrical connection</b> | M12 connector                                                                |
| <b>Accessories</b>           | connecting cable SLG 3... or SLW 3..., connecting cable SLG 4... or SLW 4... |

**Note**

\* Transition zone: Depending on the installation conditions and the medium, deviations from the specified measuring accuracy can occur in this area.

Technical Image



Pin Map

